

## INTERNATIONAL SEARCH REPORT

International application No.:

PCT/US04/23932

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 17/30

US CL : 707/4; 707/5; 707/6

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 707/4; 707/5; 707/6

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
JAPIO, European PatentsElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
DialogClassic Web(tm)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP Patent No. 2001-318792A (ISOZAKI) 16 November 2001 (16.11.2001), pages 4,6-11,13 16, 20-22,23,25, lines 1-35	1-118
Y	JP Patent No. 8-63483A (FUKUDA) 8 March 1996 (8.03.1996), pages 2-7,9-11, lines 1-35	1-118

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

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later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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document member of the same patent family

Date of the actual completion of the international search

31 January 2005 (31.01.2005)

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